

Fire, Fuels, and Behavior

Fire is a chemical reaction that requires heat, oxygen, and fuel.

It is an event controlled by fuels, weather, and topography.



Types of Fire Spread



← Ground fire:
Smolders in the duff;
usually just smoke with
no open flame

Surface fire: →
Open flame in the litter
and other surface fuels.



← Crown fire:
Fire that reaches the upper
canopy of the plant
community; can be passive
or sustained.